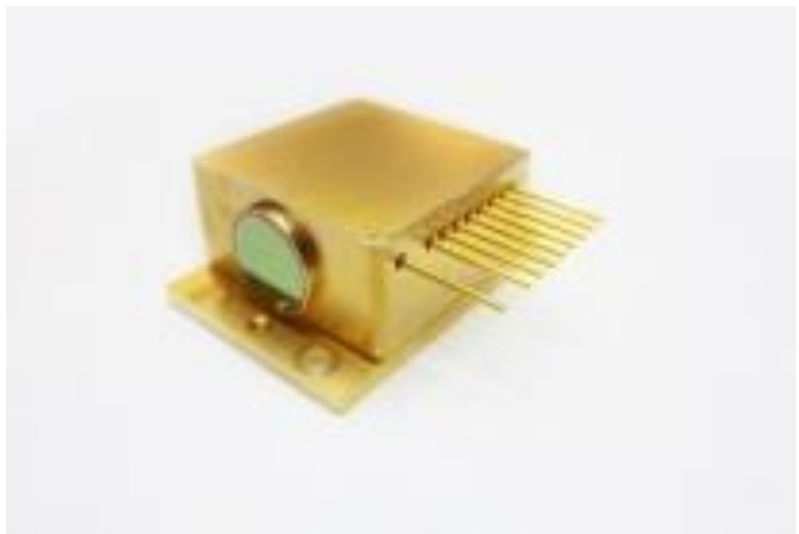


## HIGH POWER LASER

*ALC-1470-4500-HHL*

The High Heat Load (HHL) packaged diode laser is an ideal component for quick prototyping and laboratory setups. It features a built-in thermo-electric cooler (TEC), thermistor for the temperature measurements and a power monitor. The output beam is precisely collimated and circularized.

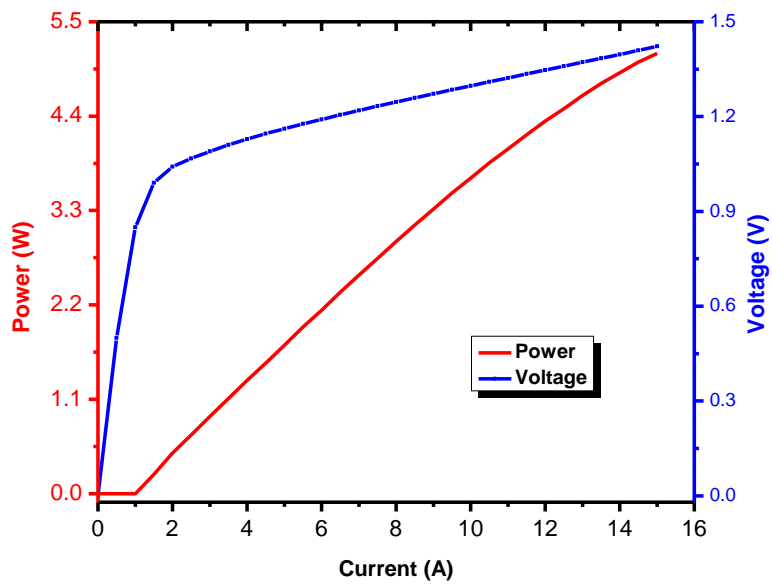


### Applications

- Research
- Solid State Laser Pumping

### Specifications

Optical Parameters	Units	
Center Wavelength	nm	1470
Wavelength Tolerance	nm	±15
Spectral Width (FWHM)	nm	13
Wavelength Temp. Coefficient	nm/°C	0.38
Output Power	W	>4.5
Operating Current	A	14.5
Operating Voltage	V	<1.5
Threshold Current	A	1.0
Emitter width	µm	125
Beam divergence fast axis, FWHM	mrad	<1
Beam divergence slow axis, FWHM	mrad	<1



These components do not comply with the Federal Regulations (21 CFR Subchapter 1) as administered by the Center for Devices and Radiological health.

Purchaser acknowledges that his/her products must comply with these regulations before they can be sold.

Akela laser Corporation reserves right to change any specifications.